Electronic Filing System (EFS) Data **Electronic Patent Application Submission USPTO** Use Only

EFS ID:

15130

Application ID:

10063722

SECRETED AND TRANSMEMBRANE

Title of Invention:

POLYPEPTIDES AND NUCLEIC

ACIDS ENCODING THE SAME

First Named Inventor:

Dan Eaton

Domestic/Foreign Application:

Domestic Application

Filing Date:

Effective Receipt Date:

2002-05-08

Submission Type:

Utility Patent Filing

Filing Type:

new-utility

Confirmation Number:

Attorney Docket Number:

10466/445

cn=Paul Rauch, ou=Registered Attorneys, ou=Patent and

Digital Certificate Holder:

Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

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Total Fees Authorized:

\$740.0

Payment Category:

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RAM User ID:

EFSPROD

RAM Accounting Date:

2002-05-08

RAM Sequence Number:

449139

RAM Payment Status:

RAM success

Postal Code:

60611

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket Number:

10466/445

Submission Type: Utility Patent

Filing

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

First Named Inventor: Dan L. Eaton

SUBMITTED BY

Name:

Dr. Paul E. Rauch

Registration Number:

38591

Electronic Signature Mark: Paul E.

Rauch

STATE OF THE PARTY OF THE PARTY

Date Signed: 20020508

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

sequence-listing

Sequence_Listing_as_filed.txt

declaration

Declaration01.tif

declaration Declaration02.tif declaration Declaration03.tif declaration Declaration04.tif declaration Declaration05.tif declaration Declaration06.tif declaration Declaration07.tif declaration Declaration08.tif declaration Declaration09.tif declaration Declaration10.tif declaration Declaration 11.tif declaration Declaration 12.tif bibd-transmittal 10466445apds.xml fee-transmittal 10466445fee.xml specification 10466445.xml Attached Image File(s): Declaration01.tif Declaration02.tif Declaration03.tif Declaration04.tif Declaration05.tif Declaration06.tif Declaration07.tif Declaration08.tif Declaration09.tif Declaration 10.tif Declaration 11.tif

Declaration12.tif

Comments:

I hereby state that the Sequence Listing contained in the specification and drawings submitted herewith and the Sequence Listing attached hereto in .txt format is identical. I further state that this submission includes no new matter. The prior application is assigned of record to Genentech, Inc. REEL/FRAME 012377/0266; Recorded:12/06/2001

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE S

the specification of which (check one) X is attached hereto or was filed on as Application Serial No. and was ar applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including amended by any amendment referred to above.

Lacknowledge the duty to disclose information which is material to the examination of this application in accordance Code of Federal Regulations, Section 1.56.

Thereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application (s inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certifing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Prior Yes

Number

Country

Dav/Month/Year Filed

Thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s

Please see attached Appendix A (Listing 87 U.S. Provisional Patent Applications)

Application Ser. No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed belo as the subject matter of each of the claims of this application is not disclosed in the prior United States application provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material i defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application at ional or PCT international filing date of this application:

Please see attached Appendix B (Listing 20 U.S. applications and 27 PCT applications

Application Ser. No.

Filing Date

Status: Patented, Pending, Abandon

Application Ser. No.

Filing Date

Status: Patented, Pending, Abandon

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Traconnected therewith.

09157
PATENT TRADEMARK OFFICE

Paul E. Rauch, Registration No. 38,591, CUSTOMER NUMBER: 28,442

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Email: prauch@brinkshofer.com

Thereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements we knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the U and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent at to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. a or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent herein will be so notified by the undersigned.

Full name of sole or first inventor	
Dan L. Eaton O. 5 /	
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Inventor's signature Many	10/1/b/
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Mary E. Gerritsen	
Inventor's signature	Date
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Citizenship CA	
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Paul J. Godowski	
Inventors signature	
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J. Christopher Grimaldi	
Inventor's signature	0
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Citizenship	*
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Post Office Address	
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Full name of seventh joint inventor, if any	
Austin L. Gurney	
nventor's signature	Date
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Full name of nineth joint inventor, if any William I, Wood			
Inventor's signature 1. Word			Date 12 /3/11
Residence 35 Southdown Court, Hillsborough, CA 94010			
Citizenship US))	
Post Office Address 1 DNA Way South San Francisco, CA 94080		- :	

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I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint invenames are listed below) of the subject matter which is claimed and for which a patent is sought on the inventio

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Number

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Day/Month/Year Filed

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Please see attached Appendix A (Listing 87 U.S. Provisional Patent Applications)

Application Ser. No. Filing Date

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Please see attached Appendix B (Listing 20 U.S. applications and 27 PCT applications

Application Ser. No.

Filing Date

Status: Patented, Pending, Abandon-

Application Ser. No.

Filing Date

Status: Patented, Pending, Abandon-

POWER OF ATTORNEY: As a named inventor, I hereby appoint all Attorney(s) and/or Agent(s) associated with Patent Office Issued Customer Number to prosecute this application and transact all business in the Patent and Trac connected therewith.

09157

PATENT TRADEMARK OFFICE

Paul E. Rauch, Registration No. 38,591, CUSTOMER NUMBER: 28,442

Send correspondence to:

Attn: Paul E. Rauch

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Email: prauch@brinkshofer.com

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The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent age to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent in herein will be so notified by the undersigned.

Full name of sole or first inventor			
Dan L. Eaton			
Inventor's signature	**	Date	
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Citizenship US			
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Full name of second joint inventor, if any			, etc)
Ellen Filvaroff			
Inventor's signature		Date	
Residence 538 18 th Avenue, San Francisco, CA 94121			
Citizenship US		-8-	
Post Office Address 1 DNA Way South San Francisco, CA 94080			
Full name of third joint inventor, if any			
Mary E. Gerritsen			
Inventor's signature		Date (CCC 15, 20	~
Residence / 541 Parrott Drive, San Mateo, CA 94402			
Citizenship CA			
Post Office Address 1 DNA Way South San Francisco, CA 94080	·		*

Full name of fourth joint inventor, if any					
Audrey Goddard					
Inventor's signature			Date		
Residence 110 Congo Street, San Francisco, CA 94131			* .		
Citizenship CA					
Post Office Address 1 DNA Way South San Francisco, CA 94080	*				
Full name of fifth joint inventor, if any					
Paul J. Godowski					
Inventor's signature			Date		
Residence 25 Orange Court, Hillsborough, CA 94010		2	7.11.2	,	
Citizenship US					
Post Office Address 1 DNA Way South San Francisco, CA 94080	**		# * ·		
Full name of sixth joint inventor, if any		 			~~~
J. Christopher Grimaldi		-			
Inventor's signature		- %	Date		
Residence 1434 36 th Avenue, San Francisco, CA 94122	*		- /	-	
Citizenship US		-			
Post Office Address 1 DNA Way South San Francisco, CA 94080					-
Full name of seventh joint inventor, if any					
Austin L. Gurney					
Inventor's signature		0	Date	,	
Residence 1 Debbie Lane, Belmont, CA 94002				11	
Citizenship US					
Post Office Address 1 DNA Way South San Francisco, CA 94080				-	

Full name of eighth joint inv	rentor, if any					F
Colin K. Watanabe	, <u></u>					
Inventor's signature						
				[Date	
Residence						
128 Corliss Drive, Moraga,	CA 94556					
Citizenship			2			
US						
Post Office Address						
1 DNA Way	•		-			
South San Francisco, CA 9	4080					
ull name of nineth joint invi	entor, if any					
William I. Wood						
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nventor's signature	- · · · · · · · · · · · · · · · · · · ·			 	ate	
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Residence				 _		
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South San Francisco, CA 94	080					

APPENDIX A

Thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications

1.	60/063435	Filed 10/29/97
2.	60/064215	Filed 10/29/97
3.	60/082797	Filed 4/22/98
4.	60/083495	Filed 4/29/98
5.	60/085579	Filed 5/15/98
6.	60/087759	Filed 6/2/98
7.	60/088021	Filed 6/4/98
8.	60/088029	Filed 6/4/98
9.	60/088030	Filed 6/4/98
10.	60/088734	Filed 6/10/98
11.	60/088740	Filed 6/10/98
12.	60/088811	Filed 6/10/98
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14.	60/088825	Filed 6/10/98
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16.	60/089105	Filed 6/12/98
17.	60/089514	Filed 6/16/98
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20.	60/090246	Filed 6/22/98
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24.	60/090862	Filed 6/26/98
25.	60/091628	Filed 7/2/98
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33.	60/098749	Filed 9/1/98
34.	60/099741	Filed 9/10/98
35.	60/099763	Filed 9/10/98
36.	60/099792	Filed 9/10/98
37.	60/099812	Filed 9/10/98
38.	60/099815	Filed 9/10/98
39.	60/100627	Filed 9/16/98
40.	60/100662	Filed 9/16/98
41.	60/100683	Filed 9/17/98
42.	60/100684	Filed 9/17/98
43.	60/100930	Filed 9/17/98
44.	60/101279	Filed 9/22/98

46.	60/101738	Filed 9/24/98
47.	60/101743	Filed 9/24/98
48.	60/101916	Filed 9/24/98
49.	60/102570	Filed 9/30/98
50.	60/103449	Filed 10/6/98
51.	60/103678	Filed 10/8/98
52.	60/103679	Filed 10/8/98
53.	60/103711	Filed 10/8/98
54.	60/105000	Filed 10/20/98
55.	60/105002	Filed 10/20/98
56.	60/105881	Filed 10/27/98
57.	60/106030	Filed 10/28/98
58.	60/106464	Filed 10/30/98
59.	60/106856	Filed 11/3/98
60.	60/108807	Filed 11/17/98
61.	60/112419	Filed 12/15/98
62.	60/112422	Filed 12/15/98
63.	60/112853	Filed 12/16/98
64.	60/113011	Filed 12/16/98
65.	60/112854	Filed 12/16/98
66.	60/113300	Filed 12/22/98
67.	60/113408	Filed 12/22/98
68.	60/113430	Filed 12/23/98
69.	60/113621	Filed 12/23/98
70.	60/114223	Filed 12/30/98
71.	60/115614	Filed 1/12/99
72.	60/116527	Filed 1/20/99
73.	60/116843	Filed 1/22/99
74.	60/119285	Filed 2/9/99
75.	60/119287	Filed 2/9/99
76.	60/119525	Filed 2/10/99
<i>7</i> 7. ·	60/119549	Filed 2/10/99
78.	60/120014	Filed 2/11/99
79.	60/129122	Filed 4/13/99
80.	60/129674	Filed 4/16/99
81.	60/131291	Filed 4/27/99
82.	60/138387	Filed 6/9/99
83.	60/144791	Filed 7/20/99
84.	60/169495	Filed 12/7/99
85.	60/175481	Filed 1/11/00
86.	60/191007	Filed 3/21/00
87.	60/199397	Filed 4/25/00

APPENDIX B

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed be

US APPLICATIONS

09/380139	Filed 8/25/98	
09/311832	Filed 5/14/99	
09/380137	Filed 8/25/99 ABD	
09/380138	Filed 8/25/99 ABD	
09/380142	Filed 8/25/99 ABD	
09/397342	Filed 9/15/99	
09/403297	Filed 10/18/99	ABD
09/423844	Filed 11/12/99	ABD
09/644848	Filed 8/22/00	
09/665350	Filed 9/18/00	
09/664610	Filed 9/18/00 ABD	
09/709238	Filed 11/8/00	
09/747259	Filed 12/20/00	
09/816744	Filed 3/22/01	
09/854208	Filed 5/10/01	
09/854280	Filed 5/10/01	
09/870574	Filed 5/30/01	
09/874503	Filed 6/5/01	
09/869599	Filed 6/29/01	
09/908,827	Filed 7/18/01	
	09/311832 09/380137 09/380138 09/380142 09/397342 09/403297 09/423844 09/645350 09/665350 09/664610 09/709238 09/747259 09/816744 09/854208 09/854208 09/870574 09/874503 09/869599	09/311832 Filed 5/14/99 09/380137 Filed 8/25/99 ABD 09/380138 Filed 8/25/99 ABD 09/380142 Filed 8/25/99 ABD 09/397342 Filed 9/15/99 09/403297 Filed 10/18/99 09/423844 Filed 11/12/99 09/665350 Filed 9/18/00 09/664610 Filed 9/18/00 ABD 09/709238 Filed 11/8/00 09/709238 Filed 11/8/00 09/747259 Filed 12/20/00 09/816744 Filed 3/22/01 09/854208 Filed 5/10/01 09/854280 Filed 5/10/01 09/870574 Filed 5/30/01 09/870574 Filed 6/5/01 09/869599 Filed 6/29/01

PCT APPLICATIONS

1.	PCT/US98/19330	Filed 9/16/98
2.	PCT/US99/05028	Filed 3/8/99
3.	PCT/US99/10733	Filed 5/14/99
4.	PCT/US99/12252	Filed 6/2/99
5.	PCT/US99/20111	Filed 9/1/99
6.	PCT/US99/21090	Filed 9/15/99
7.	PCT/US99/21194	Filed 9/15/99
8.	PCT/US99/30720	Filed 12/22/99
9.	PCT/US00/04341	Filed 2/18/00
10.	PCT/US00/04342	Filed 2/18/00
11.	PCT/US00/04414	Filed 2/22/00
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13.	PCT/US00/08439	Filed 3/30/00
14.	PCT/US00/14042	Filed 5/22/00
15.	PCT/US00/15264	Filed 6/2/00
16.	PCT/US00/23522	Filed 8/23/00
17.	PCT/US00/23328	Filed 8/24/00
18.	PCT/US00/30873	Filed 11/10/00
19.	PCT/US00/32378	Filed 12/1/00
20	PCT/HS00/34956	Filed 12/20/00

22.	PCT/US01/06666	Filed 3/1/01
23.	PCT/US01/17443	Filed 5/30/01
24.	PCT/US01/17800	Filed 6/1/01
25.	PCT/US01/19692	Filed 6/20/01
26.	PCT/US01/21066	Filed 6/29/01
27.	PCT/US01/21735	Filed 7/9/01

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 740

BANK (CREDIT) CARD INFORMATION:

Credit Card Number:

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Expiration Date:

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Authorized Name:

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Billing Address:

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BASIC FILING FEE

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171 174 174	Fee Description	Fee Code	Fee Pai	d
Utility F	iling Fee	101		\$ 740
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Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0